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Date: 6/19/00 Express Mail No: EM026686215US



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June 15, 2000



Docket No.: BD-99-091
BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith for filing is a patent application claiming priority under 35 U.S.C. § 119(e) of Provisional Application No. 60/177,282 filed on January 21, 2000.

Inventor(s): Daniel DAVIS

For: **LIMITED FIELD OF VIEW ANTENNA FOR SPACE BORNE APPLICATIONS**
Enclosed are:

- A specification consisting of eighteen (18) pages
- Eighteen (18) sheet(s) of informal drawings
- An assignment of the invention
- Certified copy of Priority Document(s)
- Executed Declaration (Original Photocopy)
- A statement (original photocopy) to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27
- Preliminary Amendment
- Information Disclosure Statement, PTO-1449 and reference(s)
- Other:
- Amend the specification by inserting before the first line the sentence:

a'
--This application claims priority on provisional Application No. 60/177,282 filed on January 21, 2000, the entire contents of which are hereby incorporated by reference.--

06/19/00
U.S. PTO
6839

Docket No. BD-99-091

The filing fee has been calculated as shown below:

		LARGE ENTITY		SMALL ENTITY	
BASIC FEE		\$690.00		\$345.00	
NUMBER FILED		NUMBER EXTRA		RATE FEE	RATE FEE
TOTAL CLAIMS		25 - 20 = 5		X 18 = \$90.00	x 9 = \$0.00
INDEPENDENT CLAIMS		2 - 3 = 0		x 78 = \$0.00	x 39 = \$0.00
MULTIPLE DEPENDENT <input type="checkbox"/> CLAIMS PRESENTED			+ \$260.00		+ \$130.00
		TOTAL	\$780.00		\$0.00

- A check in the amount of \$0.00 to cover the filing fee and recording fee (if applicable) is enclosed.
- Please charge Deposit Account No. 14-1325 in the amount of \$780.00. A triplicate copy of this transmittal form is enclosed.
- Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292
P.O. Box 747
Falls Church, VA 22040-0747
Telephone: (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 14-1325 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

By

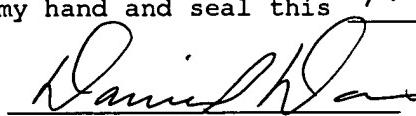

Jason M. Shapiro, Reg.#35,354

(Rev. 01/08/2000)

ASSIGNMENT SOLE

In accordance with existing Employee Intellectual property Agreement(s) and/or other undertaking(s) entered into for good and valuable consideration, receipt of which is hereby acknowledged, I, Daniel DAVIS, of Baltimore, Maryland, hereby sell and assign to **NORTHROP GRUMMAN CORPORATION**, a Corporation organized and existing under the laws of Delaware, U.S.A., having its principal place of business at 1840 Century Park East, Los Angeles, California 90067-2199, U.S.A., its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the invention in LIMITED FIELD OF VIEW ANTENNA FOR SPACE BORNE APPLICATIONS, invented by me and the application for United States patent therefor, executed on the same day as the assignment is executed and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subjects-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents and Utility Model Registrations in countries foreign to the United States, and in and to any Letters Patent or Utility Model Registration which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent or Utility Model Registration to the said **NORTHROP GRUMMAN CORPORATION**, its successors, assigns, nominees or other legal representatives, as assignee of the entire interest, and covenant that I have full right to convey the entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said Corporation, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said invention, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said **NORTHROP GRUMMAN CORPORATION**, its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, I will, upon request, sign all lawful papers requisite for the filing of such disclaimer, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said Corporation, its successors, assigns, nominees or other legal representatives, either in its or their own name, to apply for, obtain and enforce proper patent and/or Utility Model protection for said invention in all countries, all without further consideration but at the expense of said **NORTHROP GRUMMAN CORPORATION**, its successors, assigns, nominees or other legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 15th day of June, 2000.


Daniel Davis